

Your local **gas generation** partner



Collision Gas Add-on

Collision gas solution for LC-MS

A **PEAK**  gas generation brand

Discover more at www.peakscientific.com

Collision Gas Add-on

- ▶ **Ultra High Purity, 99.999% nitrogen at 200 cc/min to support collision cell**
- ▶ **Add-on for existing PEAK nitrogen generators, compatible with Genius XE35, XE70, Horizen 24, Infinity XE and Solaris XE**
- ▶ **Removes unsafe and environmentally unfriendly cylinders from the lab**
- ▶ **On screen performance and alerts for generator status indication**
- ▶ **2 year maintenance cycle - minimize downtime with service aligned scheduled at same time as “parent” nitrogen generator**
- ▶ **No risk of running out of gas in middle of analysis**
- ▶ **2-year comprehensive on-site warranty**

Get clarity with **Collision**

Designed to supply LC-MS instruments with Ultra High Purity nitrogen the Collision Gas Add-on will further purify the inlet nitrogen to deliver up to 200cc of 99.999% nitrogen to be used predominantly for a collision cell.

A gas supply you can rely on

Manufactured using premium quality components, our generators perform to the highest standards and consistently produce high purity gas 24/7.

The safest method of gas supply

PEAK Scientific generators are the safest way to supply your gas. All generators meet IEC and CSA gas safety standards, with a range of safety and fail-safe features built into each generator ensuring that they pose no risks to your lab.

Purity and clarity from your gas supply

In a move to provide a more sustainable option, the Collision Gas Add-On removes the need for cylinder use, which is the standard delivery method of UHP nitrogen in the lab. The Collision Gas Add-on allows labs to draw nitrogen from their existing PEAK nitrogen generator to supply up to 200cc/min of nitrogen to their collision cell at a purity of up to 99.999%.

Complete Solution

Designed to work exclusively with our nitrogen generators, our Collision Gas Add-on supplies Ultra High Purity Nitrogen up to 200cc/min.

With a set purity of 99.999%, the Collision Gas Add-On produces high-quality flow. The Add-on will not impact the pressure or purity of the generators output flow, however, spareflow capacity must be available.

To provide a more sustainable option, the Collision Gas Add-on removes the need for cylinder use. Instead, it allows labs to draw nitrogen from their existing PEAK nitrogen generator to supply up to 200cc/min of nitrogen to their collision cell at a purity of up to 99.999%.





UHP Nitrogen for Collision Cell

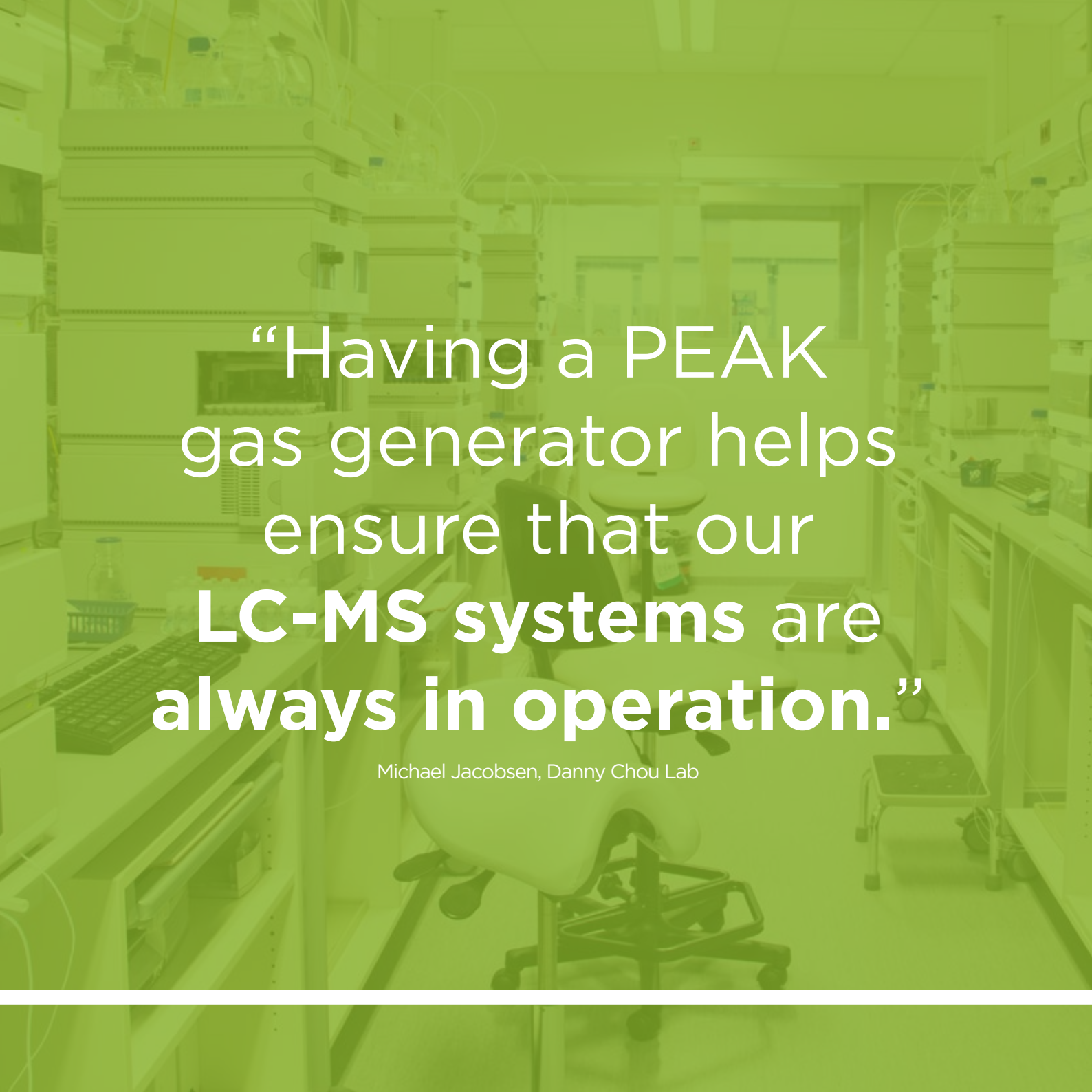
99.999% purity for LC-MS instruments with a collision cell.

Retrofit

Can be installed to a generator currently in the field, upgrading the capability to provide collision cell nitrogen without the need to replace a current generator.

Compact and easy to install

With a small footprint, the Add-on is easy to install, and can sit on top of your Genius XE35/70, Horizen 24, Infinity XE, and Solaris XE generator.



“Having a PEAK
gas generator helps
ensure that our
LC-MS systems are
always in operation.”

Michael Jacobsen, Danny Chou Lab

Our Products Protected



72 Hour On-site Response

Rapid response service engineer network, guaranteed on-site within 72 hours globally, 48 or 24 hours available in some regions.



Manufacturer Approved Parts

All components are engineered and tested to ensure optimal performance in your generator.



Global 24hr Technical Support

Around the clock support by phone or online with our global technical helpdesk, aided by remote Visual Support.



Certified Engineers

Over 100 dedicated, fully certified PEAK Service Engineers globally, with expert knowledge in troubleshooting and fixing any generator.



95% First Time Fix

Having dedicated PEAK engineers around the world means most issues are resolved on first visit – 95% of the time in fact.



Installation

A dedicated PEAK engineer will visit your lab to install and setup your generator.

Technical Specifications

Collision Gas Add-on

| | |
|-------------------------|---|
| Output Flow | 200cc/min |
| Output Purity | up to 99.999% |
| Output Pressure | up to 80psi |
| Required Inlet Flow | minimum 4L/min, N2 @ 95% |
| Required Inlet Pressure | 116 psi |
| Voltage Options | 120 – 240 V |
| Noise Level | Silent in operation, for 'parent' nitrogen generator noise please see 'parent' specifications |
| Dimensions (H x W x D) | 165 x 360 x 420 mm 6.5 x 14.2 x 16.5" |
| Weight | 13.7Kg (31Lbs) |

Ordering Information

| | |
|---------------------------|--|
| Part Number | 3304886 |
| Annual Service | visit: www.peakscientific.com/ordering |
| Complete Maintenance Plan | |

Contact us today to discover more!

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